AXIS 213
PTZ Network Camera

Pan, tilt and zoom live video directly over your network

The AXIS 213 PTZ Network Camera enables advanced remote monitoring with pan, tilt and zoom control over IP networks. It features a powerful 26x optical zoom, auto focus lens and an IR mode for nighttime conditions.

The AXIS 213 PTZ delivers superior quality Motion JPEG and MPEG-4 video streams simultaneously. The camera provides 20 preset positions and 1 preset sequence to monitor specific areas. It also offers built-in motion detection, pre- and post-alarm image buffering, and advanced event management features.

The optional AXIS 213CM Connection Module provides functionalities such as two-way audio, in addition to two alarm inputs and three relay outputs.

The AXIS 213 PTZ connects directly to an IP network, and with a built-in Web server, enables remote monitoring and control from any PC connected to the local area network or the Internet. The AXIS 213 PTZ is ideal for monitoring people and property, and for remote learning and troubleshooting. A protective dome housing is available for indoor and outdoor applications.

- Pan/tilt/zoom network camera with built-in 26x optical zoom and auto focus
- Operates under all light conditions, indoors as well as outdoors
- Superior image quality in simultaneous Motion JPEG and MPEG-4 video streams
- Resolutions up to 768x576 at up to 25 fps (PAL) or 704x480 at 30 fps (NTSC)
- Optional AXIS 213CM Connection Module for two-way audio and alarm inputs/outputs

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AXIS 213 PTZ Network Camera

25573/EN/R5/0509

Specifications

Models	AXIS 213 PTZ 50 Hz (PAL) AXIS 213 PTZ 60 Hz (NTSC) Supports both desktop and ceiling mounting
Image Sensor	1/4" Interlaced CCD
Lens	3.5 - 91 mm, F1.6 – F4.0, motorized zoom lens, horizontal viewing angle: 42 - 1.7°, auto focus, 26x optical and 12x digital zoom
Minimum illumination	Color mode: 1 lux, F1.6 IR mode: compete darkness using built-in IR lighting up to 3 m (9.8 ft)
Video compression	Motion JPEG MPEG-4 Part 2 (ISO/IEC 14496-2), Profiles: ASP and SP
Resolutions	Resolutions 4CIF, 2CIFExp, 2CIF, CIF, QCIF max 704x480 (NTSC) 768x576 (PAL) min 160x120 (NTSC) 176x144 (PAL)
Frame rate (NTSC/PAL)	Motion JPEG: Up to 30/25 fps at 4CIF MPEG-4: Up to 30/25 fps at 2CIF
Video streaming	Simultaneous Motion JPEG and MPEG-4 Controllable frame rate and bandwidth Constant and variable bit rate (MPEG-4)
Image settings	Compression levels: 11 (Motion JPEG) /23 (MPEG-4) Rotation: 90º, 180º, 270º Aspect ratio correction Backlight compensation, exposure, white balance Color and black/white mode Overlay capabilities: time, date, text or image De-interlace (4 CIF resolution)
Pan/Tilt/Zoom	Remote control in both relative and absolute mode Pan angle range: 340 degrees, Tilt angle range: 100 degrees Zoom: 26x optical, 12x digital 20 preset positions, PTZ control queue
Audio	G.711 PCM 64kbit/s, G.726 ADPCM 32 or 24 kbit/s, full duplex, half duplex, simplex or audio off*
Security	Multiple user access levels with password protection IP address filtering
Alarm and event management	Events triggered by built-in motion detection, external inputs* or according to a schedule Image upload over FTP, email and HTTP Notification over TCP, email, HTTP and external outputs* Pre- and post alarm buffer of 6 MB
Connectors	Ethernet 10BaseT/100BaseTX, RJ-45 26-pin multi-connector (to Connection Module)*
Processors and memory	CPU: ETRAX 100LX 32-bit RISC CPU Video processing and compression: ARTPEC-2 RAM: 32 MB, Flash: 4 MB Battery backed up by real-time clock
Power	13 V DC, max 24 W external power supply
Operating conditions	5 - 40 °C (41 – 104 °F) Humidity 20 - 80% RH (non-condensing)

Installation, management and maintenance	Installation tool on CD and web-based configuration Configuration backup and restore Firmware upgrades over HTTP or FTP over TCP/IP, firmware available at www.axis.com
Video access from Web browser	Camera live view for up to 20 clients, sequence tour capability
Minimum Web browsing requirements	Pentium III CPU 500 MHz or higher, or equivalent AMD Athlon Memory 128 MB RAM AGP graphic card, Direct Draw, 16 MB video memory (32/64 MB recommended for high resolutions/color depths) Windows XP, 2000, NT4.0*, ME* or 98* Internet Explorer 5.x or later For other operating systems and browsers see www.axis.com/techsup ** Motion JPEG only*
System integration support	Powerful API for software integration available at www.axis.com, including HTTP API, AXIS Media Control SDK, event trigger data in video stream, embedded scripting, customized HTML pages Embedded operating system: Linux 2.4
Supported protocols	IP, HTTP, TCP, ICMP, RTSP, RTP, UDP, IGMP, RTCP, SMTP, FTP, DHCP, UPnP, ARP, DNS, DynDNS, SOCKS, NTP. More information on protocol usage available at www.axis.com
Applications (not incl.)	AXIS Camera Station - Surveillance application for viewing, recording and archiving up to 25 cameras AXIS Camera Recorder - Surveillance application for viewing and recording up to 16 cameras AXIS Camera Explorer – Basic software for viewing and manual recording See www.axis.com/partner/adp_partners.htm for more software applications via partners
Included Accessories	Power supply 13 V DC, ceiling mount, rubber feet kit for desktop use, Quick Installation Guide, CD with installation tool, software and User's Manual. MPEG-4 decoder (Windows), MPEG-4 licences (1 encoder, 1 decoder)
Accessories (not incl.)	AXIS 213CM Connection Module* – provides duplex audio, I/O and analog video output IP65-rated Dome Housing for installation of the camera in outdoor or adverse, indoor environments, Power over Ethernet midspans IR Illuminators AXIS 292 Network Video Decoder AXIS MPEG-4 Decoder 10 user license pack
Approvals	CE Compliant according to: EN55022: 1998 Class B, EN55024: 1998 A1:2001, EN61000-3-2:2000, EN61000-3-3:1995 A1:2001 FCC Part 15, Subpart B Class B, VCCI Class B C-tick AS/NZS 3548 Safety: UL and CSA (power supply), EN 60950
Dimensions (HxWxD) and weight	130 x 104 x 130 mm (5.12" x 4.09" x 5.12") 700 g (1.55 lb) excl. power supply

*AXIS 213CM Connection Module

Connectors	2 alarm inputs, 3 outputs Composite video: 1 BNC output
Audio	Line in (3.5 mm jack), Line out (3.5 mm jack)
RS-232	9-pin D-Sub
Connection cable	1 m (3.3 ft)

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